

FIG. 1
(CONVENTIONAL ART)

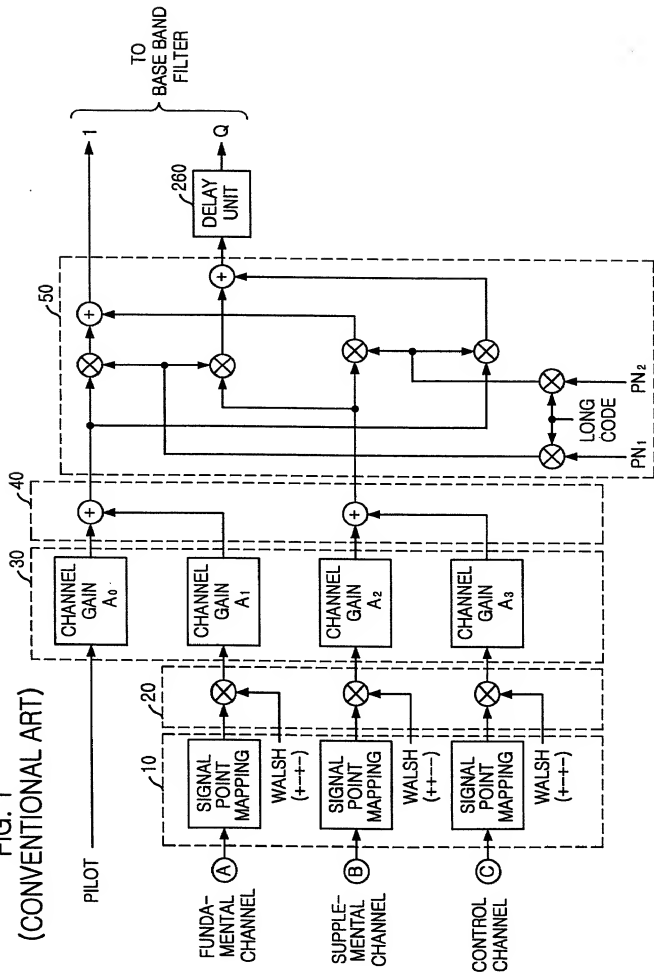


FIG. 2a

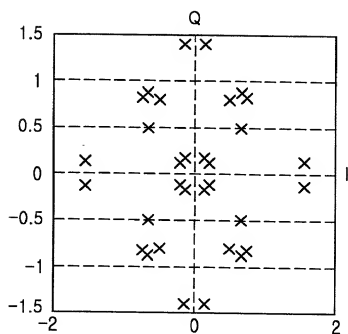


FIG. 2b

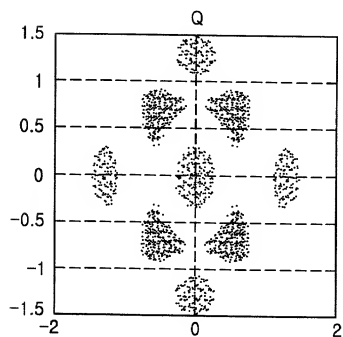


FIG. 3a
(CONVENTIONAL ART)

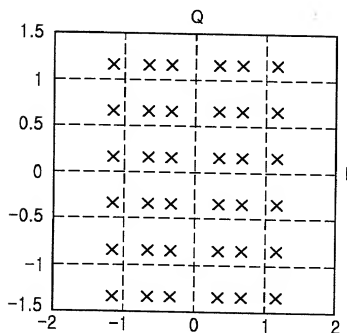


FIG. 3b
(CONVENTIONAL ART)

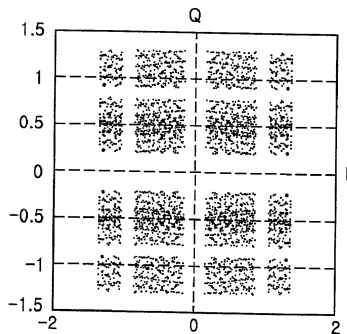


FIG. 4

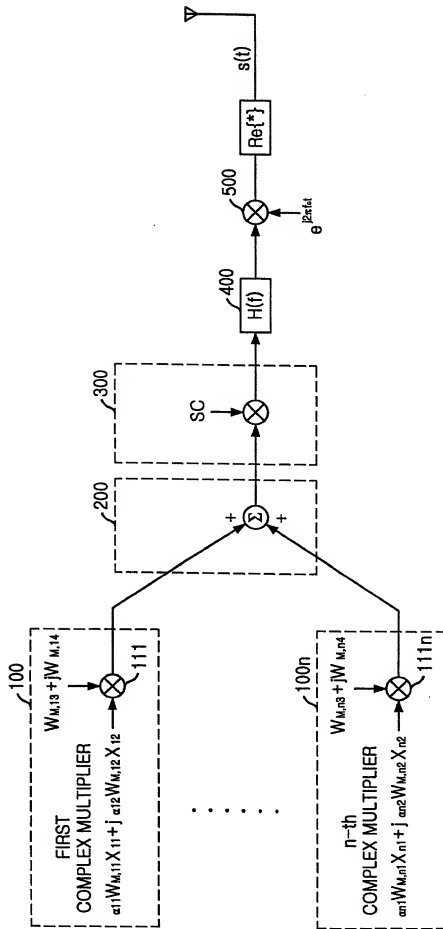


FIG. 5a

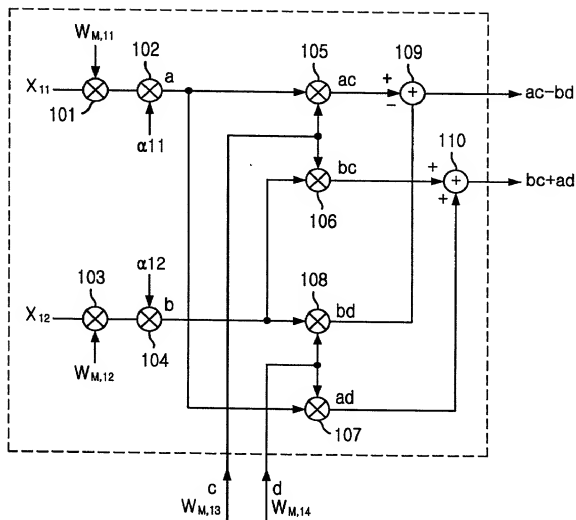


FIG. 5b

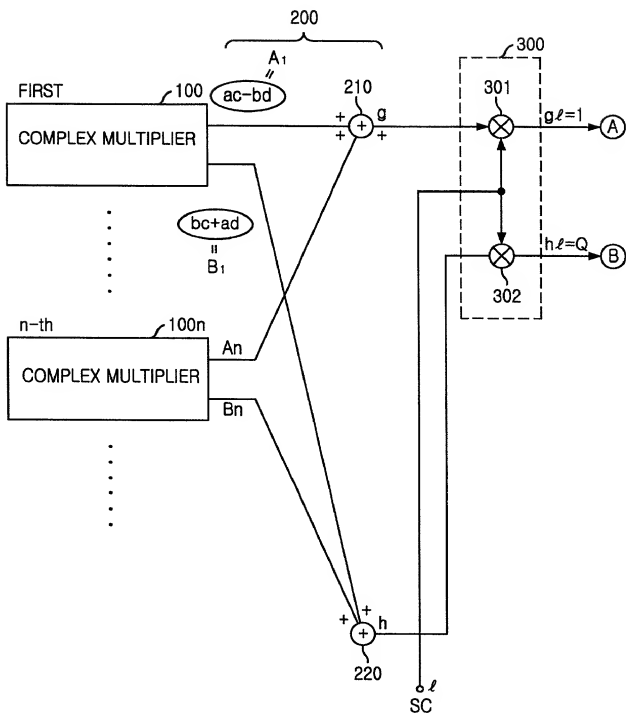


FIG. 5c

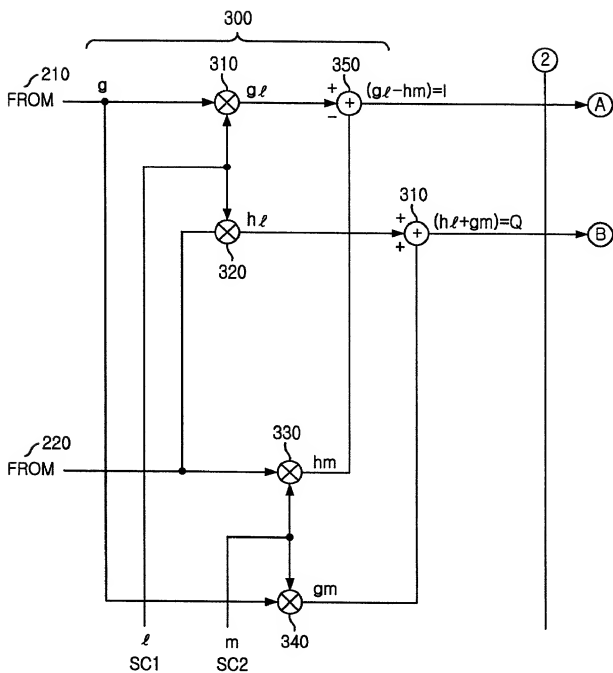


FIG. 5d

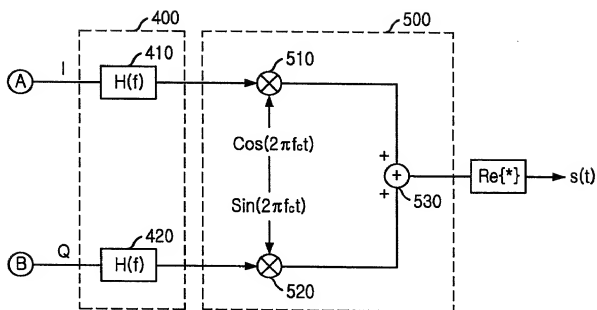


FIG. 6a

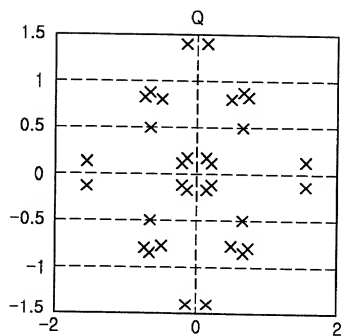


FIG. 6b

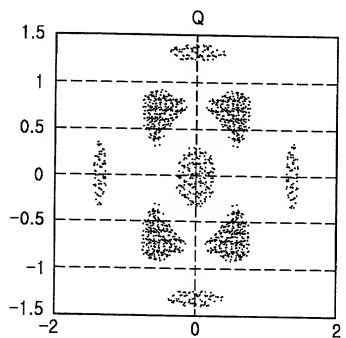


FIG. 7

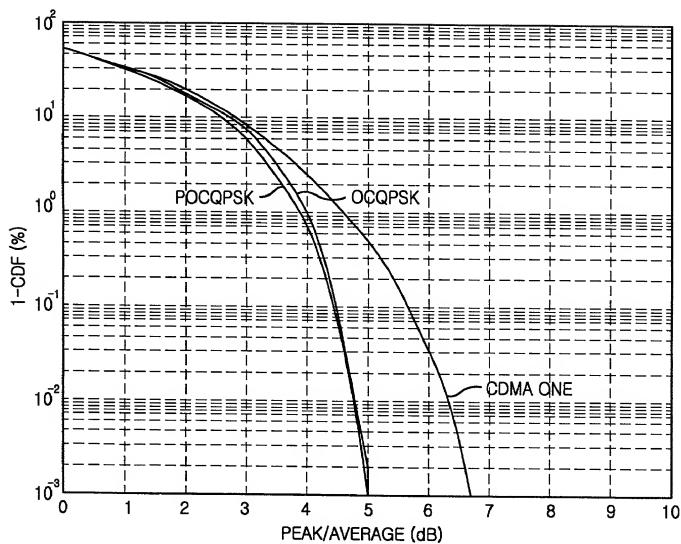


FIG. 8

8x8 HADAMADA MATRIX

The diagram shows an 8x8 Hadamard matrix with rows and columns grouped into two sets of four. The top four rows are labeled W_0 and the bottom four rows are labeled W_4 . Similarly, the first four columns are labeled W_0 and the last four columns are labeled W_4 . The matrix is enclosed in a dashed rectangle.

| | | | | | | | |
|---|----|----|----|----|----|----|----|
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1 | -1 | 1 | -1 | 1 | -1 | 1 | -1 |
| 1 | 1 | -1 | -1 | 1 | 1 | -1 | -1 |
| 1 | -1 | -1 | 1 | 1 | -1 | -1 | 1 |
| 1 | 1 | 1 | 1 | -1 | -1 | -1 | -1 |
| 1 | -1 | 1 | -1 | -1 | 1 | -1 | 1 |
| 1 | 1 | -1 | -1 | -1 | -1 | 1 | 1 |
| 1 | -1 | -1 | 1 | -1 | 1 | 1 | -1 |

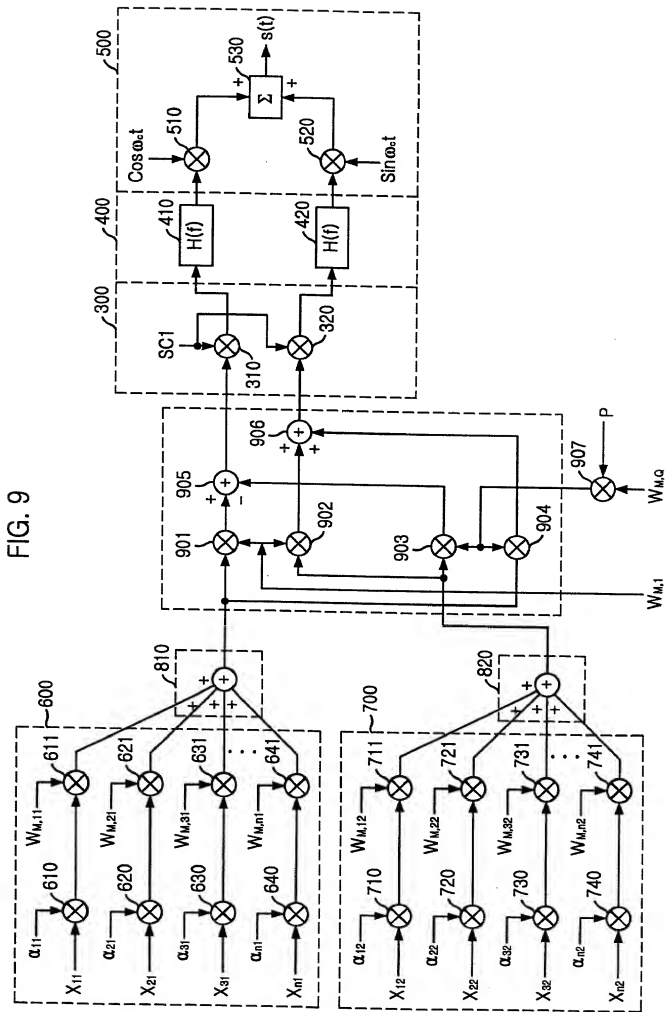


FIG. 10

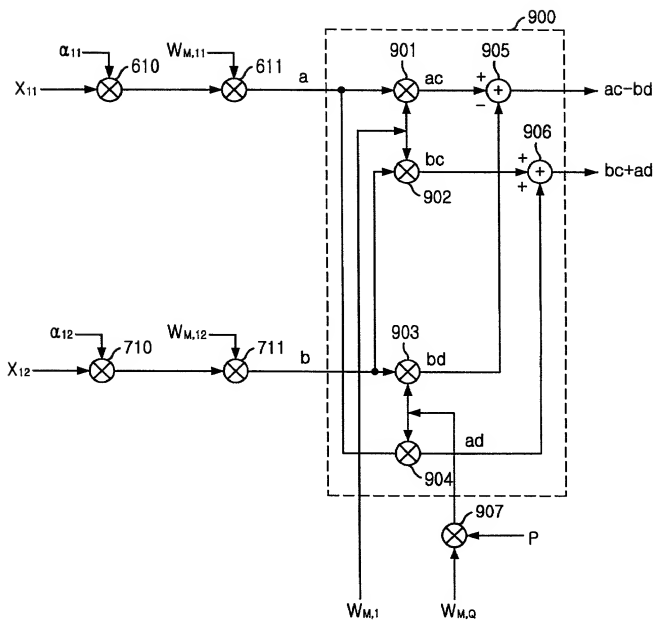


FIG. 11

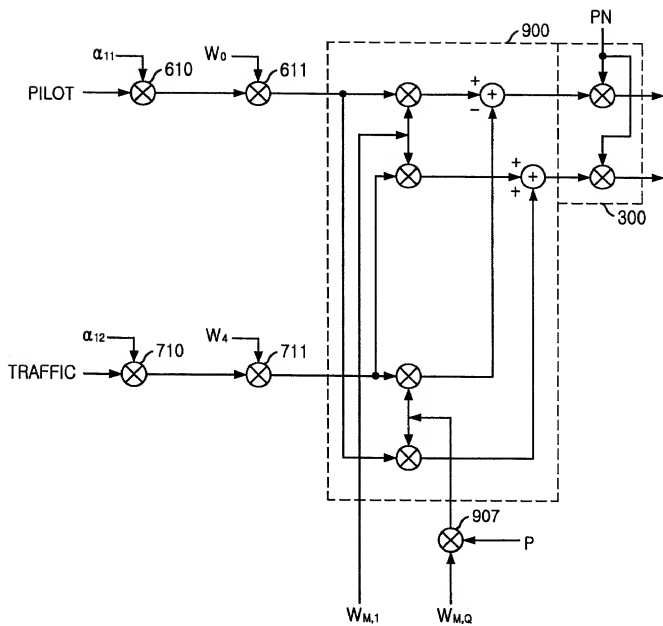
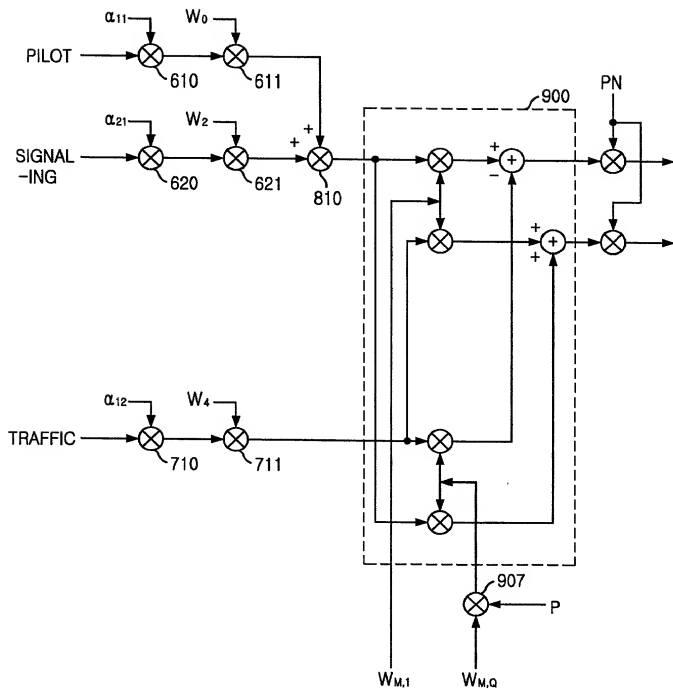


FIG. 12



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FIG. 13a

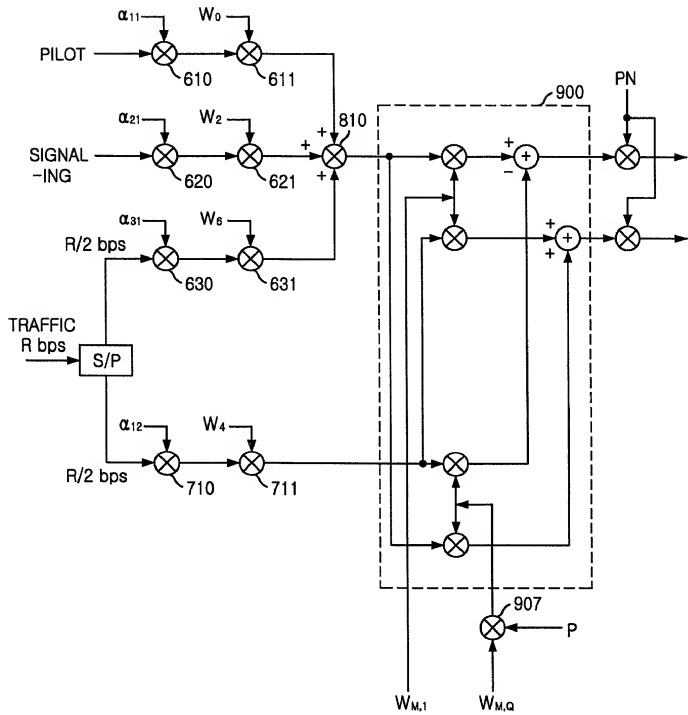
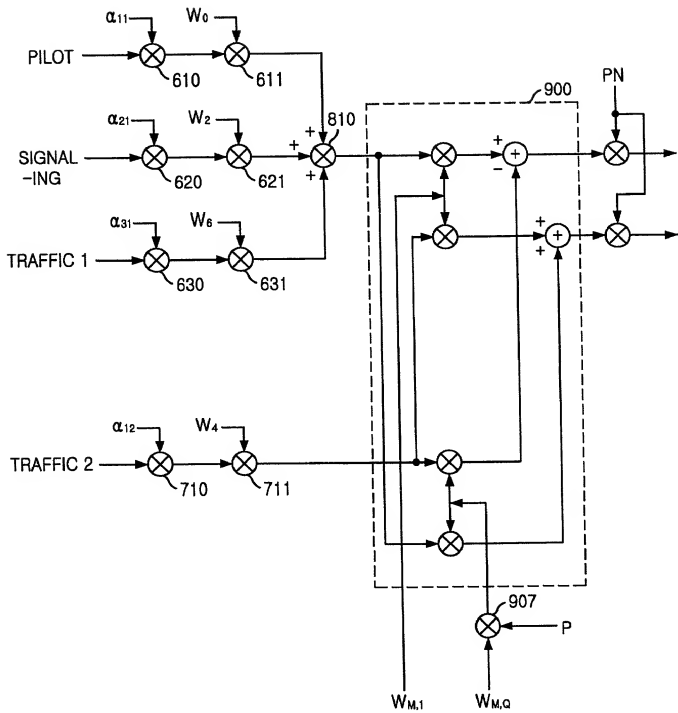


FIG. 13b



09767953, 032701

FIG. 14a

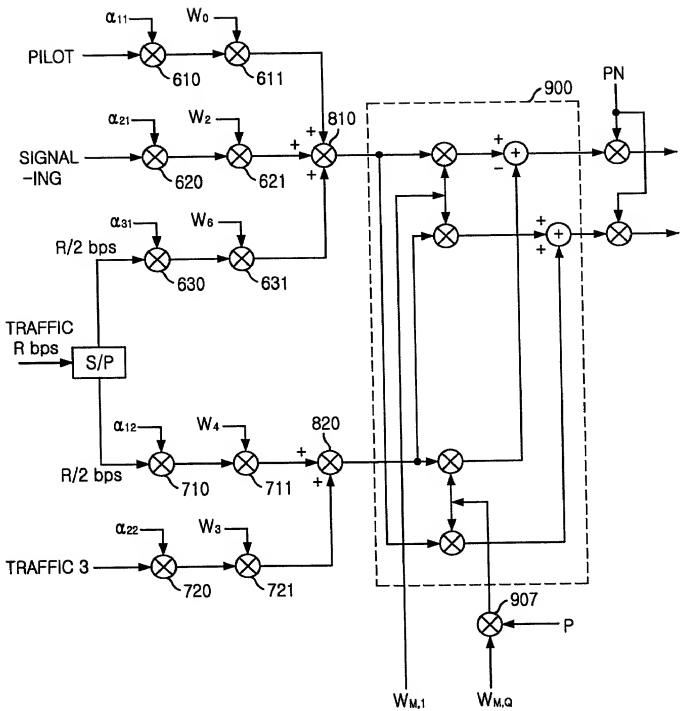


FIG. 14b

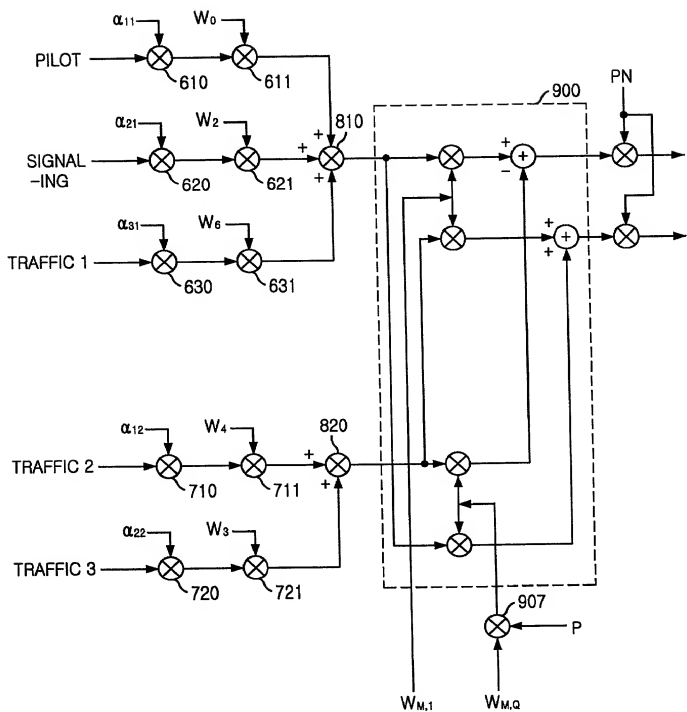


FIG. 15a

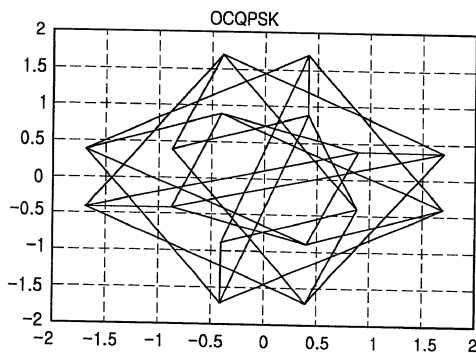


FIG. 15b

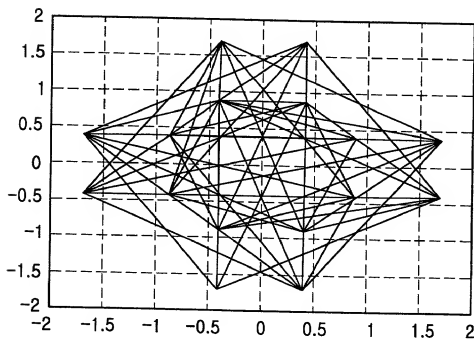
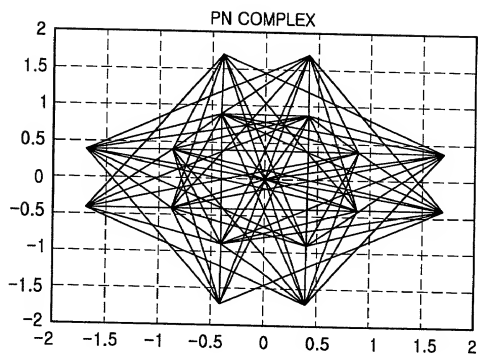


FIG. 15c



09767953.032701